

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

62.27

1922

LIBRARY
SEP 10 1914

The Modern Gladiolus



Photographed from My Flowers, September, 1914

Best Strains and Varieties Grown by
GEO. S. WOODRUFF - Independence, Iowa

THE MODERN GLADIOLUS

TO MY CUSTOMERS AND FRIENDS.

"Customers and Friends." Those two words ought to mean the same persons and I am glad to say that they generally do. For if any mistake is made I make it right - - - if I find it out. Meantime I am trying all the time to bring to my customers the best new things which the constant efforts of growers are producing.

I used to give a history of the gladiolus, its origin and development, but the interest in this most beautiful, aristocratic and democratic of flowers, has become so general that it seems unnecessary to speak its praises. So, with a few words about how to grow it, I will proceed at once to the list of varieties. It would be easier, in some ways, for me to grow only a few standard varieties than to have a long list but people want the newest and best and I have felt compelled to add a considerable number of new varieties. Some of these, the productions of Kunderd, Diener, Dr. Hoeg, Mrs. Austin, Joe Coleman and others, come rather high. Are they always worth as much more as the price would indicate? No. Is it well to buy them then? Decidedly, Yes. Because by the time they have become plentiful (sometimes years,) you can have such a stock worked up that you will have much more for your money; and in the meantime you have had them to enjoy. It costs no more land and labor to grow the best than the inferior or more common sorts. Yet, as you should have a good many, I say to beginners; "Buy a first-class mixture or low-priced varieties, unless you have plenty of money, and later add a few of the finest as you can afford them." Then you can sell or give away your surplus and become a fancier.

GROWING.

There is no magic about flowers and no "luck" about growing them. You have no right to complain of bad "luck" if you plant glads where corn and beans would not grow. Plant them in good, well prepared soil—the vegetable garden itself is generally the best place—where they will have the sun all day and where they will not have to fight with the roots of trees to get enough to eat—and drink. Don't plant them in cellar dirt under the eaves on the south side of a house to (nearly) die of starvation and reflected heat. Plant about five inches deep, about three inches apart in rows 18 or 20 inches apart (in the garden) or far enough apart in the large field to go between the rows for cultivation, either by hand cultivators or horse. Small bulbs should not be planted so deep or, if planted in deep furrows, covered lightly at first and filled in after they are up. Bulblets (Cormels) should be planted thick and only about two inches deep but it is well to ridge up over the row at first and gradually rake down as small weeds appear, so as to kill the weeds before the plants are up. Cultivate often enough to prevent a crust on the ground, no matter how often. Give plenty of water when needed, especially at flowering time and about three weeks after, as the new bulbs and cormels are forming at that time.

TIME OF PLANTING.

It is well to plant at different times. Some as early as the ground can be worked. Then at intervals of a week or two, until June. I saw a fine lot of flowers this summer from medium sized bulbs planted June 20th.

CUT FLOWERS.

Cut all stems as soon as two flowers are open and flower them in water in the house, but be very careful to leave four or more good leaves to mature next year's bulb. Break off the old flowers, change the water and cut off a bit of the stem daily. Dig the bulbs before the frost gets into the ground, cut off the stems at once (no matter what Mr. Diener says) dry thoroly and store in shallow boxes or crates in a cool room. No covering needed. Break off the old bulb and cormels as you have time before spring. It is believed that cormels will germinate more readily if kept from getting too hard by keeping in naturally moist earth. By the way: If you have a high priced bulb which you wish to increase you may cut it from top to bottom between the eyes when planting.

Size of bulbs. It is not necessary to have large bulbs tho these will bloom a trifle earlier and give, sometimes, a larger stem but the medium size will bloom as surely and give the most cormels. Some choice varieties do not have large bulbs.

TERMS.

Cash with order. Your personal check will do. Best not to send currency as there is no recovery if lost and no proof of my receiving it. Bulbs, at prices here given, are sent postage (or express) paid except large bulbs or mixtures beyond the Fifth Zone. Extra payment made for estimated postage will be made up with extra bulbs.

Mistakes—These are bound to occur. In the various operations, from planting, thro digging, cleaning and handling, some bulbs or bulblets will get into the wrong box. I have even known bulbs to survive the winter, especially cormels and come up in the wrong place. Let me know if any such thing occurs. If all is right tell your friends.

MIXTURES.

Some of you have little money. To you I say: "Buy a good mixture at first and don't be afraid of second and third size bulbs." The mixtures here listed are made up almost entirely of named varieties and will please you.

Oakwood Mixture.

Each lot sent made up separately so as to be sure to give a wide range of color and early and late sorts but with no labels.

25 sold at hundred rate. 250 at thousand rate.
Oakwood Mixture, first size bulbs, per doz. 35c, per
100\$2.75
First size per 1,000, not prepaid, express\$25.00

Second size, 1 in. to 1½ in. per 100\$ 2.00
 Second size per 1,000, not prepaid\$17.00
 Third size ¾ in to 1 in. in diameter per 100 (will bloom)\$ 1.00
 Third size, per 1,000, not prepaid\$ 7.00

SILVER TROPHY STRAIN.

A special selection of named and unnamed sorts, divided into three color sections as follows:

Section 1—Finest reds, scarlets and crimsons, some with rich markings, prepaid, per doz. 40c; per 100\$3.00

Section 2—White, light pink and yellow, in great variety of shades and with stains and blotches or rich colors; postpaid, per doz 50c; per 100\$4.00

Section 3—Rare "blues" in clematis, lilac and heliotrope shades, rare and but little known; per doz. 50c; per 100\$4.00

All three sections mixed per 100\$3.00

Wholesale Prices for Amateur Buyers.

To encourage planting in quantities I offer at the following prices certain varieties of which I have a surplus, good flowering bulbs, an inch or more in diameter, while they last. You must pay your own postage, remitting enough at estimated cost. If you send too much I will send extra bulbs. The prices in the first column are for ten bulbs; in the second for 100 bulbs. For the thousand price multiply the hundred price by 9. 250 at thousand rate. 25 at the hundred rate.

America	20	\$1.80
Annie Wigman	25	2.25
Cracker Jack	25	2.25
Mrs. F. King	20	1.80
Primulinus Hybrids	30	2.70
Queenly	40	3.60
War	40	4.00
Meadowvale	30	3.60
Blue Hybrids	30	2.70

Named Varieties.

The price per dozen is ten times the single price.

Adelina Patti—Very fine of the "blue" class. Larger and darker than Baron Hulot, and without the yellow lines. Very scarce30c.

America—Well known, the most popular light lavender pink in the world5c each; 50c per doz.

Annie Wigman—Pale yellow with small red blotch; good erect habit. Very good7c each; 70c doz.

Attraction—Large, well opened flower of rose crimson, wide pure white throat, a good grower and one of the best8c each; 80c doz.

Autumn Queen—See "Lillian."

Augusta—Still a leading commercial white. Often tinted lavender; nearly the whole spike open at once5c; 50c per doz.

Baltimore—(Formerly called Salmon Queen.) Fine wide flower, salmon with dark red-brown blotch. Very showy, singly or in masses10c; \$1.00 doz.

Baron Hulot—The finest, clear, dark, violet blue, small yellow bands. Medium size8c; 80c doz.

Berkshire—Large, well opened flower. Delicate shade of pink, penciled with dark pink in throat, which is margined straw and dotted red. Exquisite15c; \$1.50 doz.

Bertrex—(Austin) White with lilac shading in the throat; size and form of America. Spike tall and straight, sometimes branching. Might be called a "White Schwaben." Increases rapidly and forces well. Awarded Silver Cup as "best new seedling" at Cleveland, 191315c; \$1.50 doz.

Blue Jay—(Groff's) Tall, strong plant. Flower wide open, light blue with white and maroon throat. Finest of this color25c; \$2.50 doz.

Burrell—Napoleon—(W) Dark red, large flower and compact spike. Handsome butterfly markings. Robust habit and a good increaser. Excellent8c; 75c doz.

Black's Early Pink—Flower nearly as large as Mrs. King and similar in shape and arrangement on the stem; salmon pink, not rose, with dotted markings. Early as Halley5c; 50c doz.

Calico—(Coblentz). This is entirely new, never having been offered as far as I know, and is absolutely unique. The color is what may be called a smoky purple, without markings but with white throat. Stem straight. The flowers, shown by me at the State Fair, attracted much attention. It will make up finely with yellows. Price only 15c; \$1.50 per doz.

Carmen Sylva—(Hogg) White. Tall and straight. Very highly recommended. 15c.

Canary Bird—(gandavensis) A clear yellow of good size and fine truss. Fine to use with Baron Hulot10c; \$1.00 doz.

Candidum—(Austin) Large white blooms; tips of petals tinted and somewhat reflexed like a lily. Erect, free bloomer10c; \$1.00 doz.

Charlemagne—(Lemoine) Giant type with very large open flowers on massive spikes; sunrise red, flaked darker and marked with large, creamy white blotch, densely spotted with purple carmine ..15c

Chicago White—Tall spike and good medium-size flower. White with small lavender lines in lower petals. Early5c; 50c doz.

Cracker Jack—Large flowers of rich velvety dark red; throat spotted yellow and dark maroon. Early5c; per doz. 50c

Catharina—An improvement on Blue Jay, having, also a better stem50c

Crimson Glow (Betscher)—Called by many the finest red. Low price40c

Conspicuous—Has been called "The Pansy" among glads. Light blue with darker blotches; darker spot with yellow center on lower petals. Very rich and striking15c

Distinction—Similar in color to Goliath, spike taller flower a little smaller but flatter open. Good. Stock scarce15c; \$1.50 doz.

Empress of India—Very dark maroon, almost black; buds like satin. Very distinct; early. 10c; \$1 doz.

Europa—(Pfitzer) Large round flower of the purest white on fine straight spike. Several open at one time. Unquestionably the finest pure white in commerce. Requires good soil and plenty of moisture, doing best in fall25c; \$2.50 doz.

Evelyn Kirtland—(Austin) "It is difficult to describe in words the beauty of this variety. The flowers, of strong substance, are a beautiful shade of rosy pink, darker at the edges fading to shell pink at the center, with brilliant scarlet blotches on lower petals. Entire flower showing a glistening sparkling luster. The form is wide open, somewhat reflexed, slightly fluted and many open at one time. Spike giant in height, straight but slender and bending gracefully with its burden of blooms. Wonderfully decorative."

Winner of the Chas. F. Fairbank prize in "Best Display New Seedlings," Cleveland, 1915. Also received Award of Merit from Gladiolus Society of Ohio.20c; \$2.00 doz.

Flora—The grand new yellow, the finest by far except Golden Measure and the very best at a popular price. Sold last year by other growers at \$1.00 per bulb. Special price, large bulb.....40c

Florence—(French). Very light lilac purple; white center. Fine. 25c.

Geo. Paul—(Harvard) Very large maroon flower, slightly stained yellow.10c; \$1.00 doz.

Glory of Holland—Of Dutch origin. Pure white with exception of faint pink in throat, good grower. Award of Merit at London and Haarlem.10c; \$1.00 doz.

Golden Wedding—(Ruff) One of the really superior hybrids of *Primulinus*, which has made a great hit it the St. Paul cut flower trade. Clear yellow shading to saffron, without markings, on a good stem. A bunch of these with a few Baron Hulot is a thing of beauty10c; \$1.00 doz.

Golden King—The best blotched yellow, as far as I know. It is a strong grower and multiplies well. Color a clear, unfading yellow with a vivid crimson blotch in throat, the flowers large and well opened, of good substance, neither crowded nor too far apart. Awarded First Class Certificate by the National Gladiolus Society of England, 10c; \$1 doz.

Gretchen Zang—(Austin) Flowers large and sparkling and the most beautiful soft melting shade of pink blending into scarlet on lower petals. Spike tall and graceful. A prize winner. 15c; \$1.50 doz.

Goliath—(Holland) Extremely large, dark wine colored flower, lower petals tipped with yellow. Fine and rare20c; \$2.00 doz.

Glory of Kennemerland ("Holland Giant")—A giant flowering rose pink with yellow throat. Dwarf habit15c

Halley—Very large, wide open flower of delicate salmon pink. The lower petals have a creamy blotch with narrow lines of bright red. Very early and a great acquisition. Awarded First Class Certificate and very popular5c; 50c doz.

Herada—(Austin) Very new and distinct "Blooms of immense size on tall, straight spike. Pure mauve with deeper markings in throat. 15c; \$1.50 doz.

Helen Franklin (K)—One of the fine ruffled sorts. Pure white with violet markings on the lower petals. Tall, straight 6 to 10 flowers open at one time. Very early20c

Ida Van—Large, open flowers, lily-like, solid bright red to flaming pink, with darker shade of red in lower petals. First premium at Cleveland, 1913, for best red. Award of Merit National Gladiolus Society of England, 191310c; \$1.00 doz.

Independence—(W) Strong upright grower, clean foliage, large cherry flower of perfect shape, marked white and maroon in throat, and on good spike. Stem always straight. Fine by artificial light5c; 50c doz.

Intensity—One of the very fine ones. Large bright scarlet, lower petals spotted with white. 10c \$1 doz.

Jean Dieulafoy—One of the indispensable sorts. Very wide creamy white flowers with lower petals of blotched maroon. Lasts long as cut flower.10c; \$1.00 doz.

Jessie—Rich velvety red; small yellow line in lower petals; long spike of well opened flowers; early An improvement on *Brenchevensis*10c

Kunderd's Glory—Widely celebrated as the first of a new ruffled strain. Each flower ruffled and fluted. Stalks robust with from eight to twelve flowers light cream with small crimson stripe. .10c.

Klondike—Good truss and good grower; round, well opened flowers of primrose yellow with blotch of crimson-maroon on lower petals. Well known; 5c; 50c doz.

Lily Lehman—Extra fine lily-formed flower, generally pure white with very faint lemon tinge (no blotch) in throat. Sometimes faintly tinged pink. Often has two or three branches and is very early10c; \$1.00 doz.

Liebesfeuer—(Holland) Extra fine dark scarlet, without markings. The introducer calls it the finest red "what consists" to date. Award of Merit London and Haarlem. Certainly fine ..15c; \$1.50 doz.

Loveliness—Very large wide open flowers of palest cream suffused apricot in throat. Flowers well placed on straight spike and 10 to 15 open at once15c; \$1.50 doz.

Lillian—Introduced by me under this name about 10 years ago and so listed in Cornell College bulletin, but lately much advertised in trade papers under the name of "Autumn Queen." One of my introductions from Groff's Silver Trophy. Strong grower with heavy stem and wide, drooping foliage. Flower in Jean Dieulafoy style, nearly white ground with light scarlet spot in lower petals15c; \$1.50 doz

Lilywhite—(Kunderd) "The Long-desired spotless white gladiolus that will bloom well without special care." Six or seven flowers open at once. Prolific and very early25c.

L'Immaculee—Pure white, long spike, *gandavensis* form, many open at once; early....15c; \$1.50 doz.

Le Marechal Foch—This has proved the most important addition in years. Blooms three weeks earlier than America, similar in color but twice

- as large and flowers wide open and farther apart on the stem. Blooms from smallest bulbs and is very productive. The demand is immense, and as no more will be allowed to be imported, it will be best to order early. Usual price last year \$1.00 per (small) bulb. Large bulbs now40c
Good blooming, medium size now30c
- Louise (Wright)**—Remarkable large flowers, frequently 5 inches in diameter, bright lavender, lighter towards center; blotch of velvety maroon down center of lower petal, with darker line. A strong grower40c and 50c
- Mary Fennell**—(Kunderd) Beautiful light lavender, tinged soft pink. Soft primrose yellow throat. Large wide open flowers of exquisite loveliness. Especially recommended to lovers of delicate shades15c; \$1.50 doz.
- Mrs. Francis King**—(Coblentz) Long spike of immense flowers of Nanceianus form, light scarlet or flame red, shaded salmon. Most popular scarlet. Spike often branched and somewhat curved, gracefully5c; 50c doz.
- Mrs. O. W. Halliday (K)**—Light pink and yellow. Long spike.10c
- Mary Pickford**—(Kunderd) An extraordinary flower and spike of most delicate creamy white. Throat finest soft sulfur-yellow. Even the stems and calyx are white25c each; \$2.50 doz.
"Mary Pickford" was awarded Certificate of Merit by Royal Hort. Society, London, 1920; also First class Certificate of Merit by North Shore Hort. Society, Manchester, Mass.
- Meadowvale**—Excellent for florists. Pure white ground. A touch of vivid crimson in the throat, with line of faint pink in three lower petals. Later than Chicago White and a purer white ground5c; 50c doz.
- Minnesota**—One of the best florist's light. Strong grower and early. A strong, long spike of well-opened flowers of pale cream with very small maroon spot. Productive and blooms from very young bulbs. Two or three weeks earlier than America.5c; 50c doz.
- Mrs. Dr. Norton (K)**—Finest cream and pink. Very tall spike. The sensation among the newer varieties shown at the Am. Glad. Societies show the last six seasons. I quote a low price50c
- Mrs. W. E. Fryer**—(K) Fine large scarlet. Tall extra strong grower somewhat like a magnified Monhonk15c; \$1.50 doz.
- Mrs. Frank Pendleton, Jr.**—A remarkable flower which has been likened to a big gloxinia. Very large flowers of delicate pink with large blotch of blood red. Will flower from very small corms10c; \$1.00 doz.
- Mrs. G. W. Meulton**—(K) Tall spike of large magenta crimson. American Beauty color with darker marks on lower petals. A gorgeous thing in the field or as cut flower. Greatly admired at state and other fairs25c; \$2.50 doz.
- Mrs. Watt**—Brilliant wine red. Fine flower and spike: vigorous and productive101; \$1.00 doz.
- Mrs. Velthuys**—Very large dark brilliant red from Holland25c
- Mephistopheles (The grotesque)**—Scarlet, black and yellow. Very striking. Scarce15c
- Majestic**—Orange pink. An improvement in stem on Prince of Wales. Price for medium size bulbs 30c
Large bulbs40c
- Myrtle**—(Kunderd) A beautiful flower. Light pure penciled rose. A gandavensis variety and a great favorite with the cut-flower trade. Whole spike open at once10c; \$1.00 doz.
- Niagara**—(Banning) Open class ward American Gladiolus Society, Chicago, 1912, for the best yellow. A class by itself. A rich cream combined with canary yellow, sometimes mottled pale pink. Large, thick flower on strong, tall stem. Very distinct.10c; \$1.00 doz.
- Pride of Goshen**—(K) A giant "Kunderdii Glory." Flesh pink. Flowers large and petals elegantly waved. "General appearance imposing" 15c \$1.50 dz
- Panama**—A seedling of America, but a much deeper rose pink. Very large and solid. First class certificates everywhere in Europe and America. Later than America10c; \$1.00 doz.
- Peace**—(Groff's) This is a most magnificent variety, the finest of all whites. Though it has a delicate lilac spot on lower petals, the ground color is of the whitest white and the petals firm and solid. Flowers are large, well opened and borne on tall strong spikes. Lasts well in water and all buds open. Fine clean foliage. Late bloomer. Formerly sold largely at \$1.00 each. 10c; \$1 doz. \$7 hundred.
- Pink Beauty**—(Van Toll) Rose pink with darker blotch. Long spike, very early8c; 80c doz.
- Pink Perfection**—A remarkable variety from Holland. First Class Certificate London and Haarlem, 1913. I find it splendid. Lovely light pink; flowers large, upwards of twenty buds closely set on long stem, six or eight flowers open at once and buds showing color, like rose buds, stems often curved15c; \$1.50 doz.
- Prince of India**—"Varied and fantastic coloring * * varies from light to deep smoky gray, many petals zoned and banded and freely penciled dark slaty blue * * crimson throat * * mottled white". I abridge description. It was greatly wondered at and by some greatly admired at State Fair last year. Very rare. It was offered by only one firm last year and at 40c. Price 30c and 25c for first and smaller bulbs.
- Prince of Wales**—A new salmon variety that is making a sensation. It is early, like Halley, but a clearer salmon, more yellowish and without the throat markings. It increases rapidly and blooms a perfect bouquet, even from small bulbs: has been known to bloom from the bulblet. 15c; \$1.50 dz
- Princepine**—(Kirchoff) A seedling of Princeps and an improvement in some respects. More flowers are open at a time, and, though not quite so large, they are even brighter in color and have very beautiful and conspicuous white throat markings. Plant considerably taller and foliage lighter green8c; 80c doz.

Princes—(The Amaryllis Flowered) Largest crimson scarlet, flat opened, white blotches in lower petals. Broad foliage8c; 80c doz.

Primulinus—A distinct new species from South Africa. Clear primrose yellow, somewhat hooded in form, arranged separately on slender but firm stem. Has been used for crossing with other yellows15c; \$1.50 doz.

Primulinus Hybrids—(Kunderd Strain) Seedlings from the Primulinus, showing great variety of shades, mostly different shades of yellow and blush, some wider open than the parent, less hooded and often larger, but all showing strongly the same general characteristics of gracefulness and delicacy. All very early bloomers and very dainty5c; 50c doz.

Primulinus Hybrids of Golden King—This special strain, originated here, consists of seedlings of Golden King, pollenized with Primulinus. They get from Golden King increased size and more open flowers and slight throat markings. Some of them are very fine10c; \$1.00 doz.

Proserpine—A handsome bright rose color of good size and habit which I got from Holland. Beautiful15c; \$1.50 doz.

Pride of Hillegom—From Holland. The most dazzling scarlet.30c each

Queenly—A most delightful flower; round pearly almost white; firm and waxy, delicate spot of faint lilac in throat, most beautifully arranged on the stem, which, tho slender, is firm and round. A fine cut flower sort.10c; \$1.00 doz.

Rosella—Large light rose, wide open and flat, with white throat. A universal favorite..15c; \$1.50 doz.

Red Emperor—Said to be the same as Dominion. "Truly regal." Very large, open flower, rich dark scarlet, tall spike. Very early20c; \$2.00 doz.

Rose Wells—(Austin) Large, wide open blooms; of light clear rose color with small attractive blotch of lilac rose and yellowish green. Very tall branching spike, slender and graceful. 20c; \$2 doz.

Rouge Torch—(113) Very large white flower with scarlet feather in lower petals. Slender stem, 10c.

Schwaben—(Pfitzer) A grand yellow gandavensis which has received medals and certificates and has attained great popularity. Very robust grower and has a very large flower head; not so deep a yellow as Golden King, but has a much less conspicuous blotch12c; \$1.20 doz.

Scarlet Velvet—I am glad to be able to offer again this fine sort, first introduced by me, but "Lost awhile." Large flower, rich dark scarlet with slight shade of yellow in throat ..10c; \$1.00 doz.

Satisfaction—This is a variety which I have been growing under number for several years and consider one of the best light sorts. It is a strong grower and good multiplier. Long spike; flowers creamy white or yellow with handsome Lemoine markings. One of my customers to whom I sold it as a sample wrote "It suits me to a T". 10c; 75c doz.

Scarsdale—Immense lavender pink, shaded dark rose. Unique10c; \$1.00 doz.

Sulphur King—(Gand) Generally conceded to be the best clear yellow gandavensis. Long spikes of good sized flowers20c; \$2.00 doz.

Summer—Fine mauve, dotted darker15c

The King—Purple magenta, maroon and yellow blotch; a darker Rosella; robust15c.

Titanic—(Dr. Hoeg) This grand and unique variety is pronounced by most discriminating judges the finest novelty in dark colors for several years. It has been tried on a large scale by amateurs, but I purchased practically the entire stock from the originator. Exhibited at the Cedar Valley Fair in 1916 and 1918 and at the Iowa State Fair in 1917 and 1918, it made a sensation. It is a robust grower and increases well, stem erect, flowers large, flat open, of a "lilac purple" or magenta crimson color, without throat markings but a white line through center of lower petals. I make the price low for such a variety20c; \$2.00 doz

Velvet King—(Called also W. M. Mason, and 312.) Not so very velvety, but a splendid, wide open, dark scarlet, veined on lower petals, with dark color. Vigorous grower and makes a fine show in the row. One of the best10c; 75c doz.

War—Deep blood-red, shaded crimson-black. Tall erect. Late bloomre. Sold for some time at \$1.00.10c; \$1.00 doz.

Wamba (Austin)—I am again able to offer a few of this. "Enormous blooms of deep salmon pink. Form unusual and distinctive, being irregular, folding and ruffling." 15c each.

Willy Wigman—(Dutch) Creamy white, flushed soft pink, crimson blotch on lower petals, very pretty. First Class Certificate10c; \$1.00 doz.

Wilbrink—A sport of Halley and of the same style of flower and stem but a flesh pink. Large and early10c

White Giant (Not Giant White)—Large, pure, glistening white. Large as a Candidum lily and lily shape. Petals thin35c

Yellow Hammer—Excellent florists' yellow. Late bloomer15c each; \$1.50 doz.

DIENER'S NEW STRAIN.

Richard Diener, of California, claims to have discovered a law in hybridizing by which he can double the size of any flower after one cross. At the Panama Pacific Exposition he made an exhibit which received the highest praise from the correspondent of the Florist's Exchange. These and later additions were offered in 1917 at very high prices which were greatly reduced in 1919. I have tried some of the lower priced sorts and the mixtures and some of them are remarkable in size and beauty and I recommend them for trial. They are rank growers and should be given rich soil and thoro cultivation. I offer the following while they last:

SPECIAL COMBINATION OFFERS

The Flower Grower for one year and any one of the following offers, postpaid for \$2.00.

- Offer No. 1.** For \$2 I will send you **The Flower Grower** for one year and one bulb "Le Marechal Foch" and one bulb "Crimson Glow," good blooming size and postpaid.
- Offer No. 2.** For \$2 I will send you **The Flower Grower** for one year and ten bulbs of each of any **two** of the following kinds of Gladioli, (20 bulbs total): America, Mrs. Francis King, Crackerjack and Primulinus Hybrids, postpaid. (Cross out the varieties you **don't** want.)
- Offer No. 3.** For \$2 I will send **The Flower Grower** for one year and 25 selected Gladiolus bulbs, postage prepaid.
- Offer No. 4.** For \$2 I will send **The Flower Grower** for one year and 1000 Gladiolus bulblets, postage prepaid.

Check the offer you wish to accept, fill in your name and address on the other side and mail with remittance (check or money order), to

GEO. S. WOODRUFF,

Independence, Iowa

Published Monthly
for both Amateur
and Professional
Flower Growers.



Subscription Price,
Three Years, \$3.50,
\$1.50 per year.
Canadian and For-
eign subscriptions
25c. per year extra.

MADISON COOPER, Editor and Publisher, CALCIUM, N. Y.

THE FLOWER GROWER champions the cause of the summer garden flowers. It is published monthly and each issue abounds with helpful information on how to have the best of success with those increasingly popular flowers, the Gladiolus, the Peony, the Iris, the Dahlia, the Rose, etc. **The Flower Grower** should be in the hands of all who grow flowers.

The Flower Grower tells what sorts to grow, how and when to plant, when to cut the bloom for shipping and for home decoration, and how to save and store the seeds, bulbs, etc. In short, every phase of flower culture is taken care of, and practical facts and information on summer-flowering plants of all kinds comprises its contents. The magazine is a great contribution to the floral literature of the world.

Write your name and address below and enclose it with \$1.50 or \$3.50 (stamps, money or check) in an envelope addressed to
MADISON COOPER, Publisher, Calcium, N. Y.

Name.....

Address.....

See Other Side for Special Offer of flower stock in combination with THE FLOWER GROWER.



LOUISE

The Remarkable New Gladiolus

FOR the season of 1920 we have a new Gladiolus which will be welcomed by flower-lovers all over the country. No matter what varieties you grow now, no matter which you believe the best of their respective classes, we are confident that **Louise** will more than hold its own. It is, in truth, a super-gladiolus, perhaps the first of a new class of giant gladioli.

Size. Imagine, if you can, blooms which frequently measure 6 to 6½ inches or more across. **Louise**, we believe, is the largest gladiolus ever introduced, and it is so remarkable in this respect that this quality alone would be enough to make it popular.

Color. The petals are a delicate shade of bright lavender growing even lighter toward the center of the flower. The blotch of velvety maroon down the center of the lower petal is rendered even more distinctive by a darker line which runs through the center of this blotch.

Growth. Too often gladioli of special merit develop well only under favorable conditions—the temperature must be favorable, the soil not too dry, etc., or the growth is puny and not representative. **Louise** is a strong grower under almost all conditions; it is able to endure long periods of dry weather, and blooms well even in the hottest, driest weather. The stem growth is always sturdy.

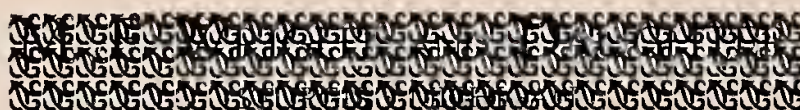
Germination. **Louise** multiplies freely and the bulblets germinate unusually well. You will be surprised at the number of corms obtainable.

Louise is of the type generally known as orchid-like, and the resemblance is quite marked in this flower because of the shape and color.

It blooms well in water, and will last several days longer than most varieties. You really must grow it to properly appreciate it. It is so distinctive that it stands almost alone.

Prices for this remarkable new Gladiolus are as follows:

1-inch bulbs and over, \$1 each, \$10 per doz., \$50 per 100	
¾ to 1 inch \$35 per 100	½ to ¾ inches \$25 per 100
¼ to ½ inches \$20 per 100	



Geo. S. Woodruff, Independence, Iowa

Some of the people who have grown
Louise or seen it in bloom have
expressed themselves as follows:

DR. J. H. NEELEY, of Paulding, Ohio: "I think your variety **Louise** superb and fine. Sure going to be a winner. The flower in form and color is so near a Cattleya Orchid."

MRS. R. W. WALTERS, Springfield, Ohio: "I never saw another like it and the velvety blotch is as rich as that of Pendleton."

MRS. J. C. GROSSMAN, Wolcottville, Ind.: "**Louise** is one of the grandest flowers I ever saw. Bright in color, large and massive, the peculiarly ribbed petals give it a fine appearance. It attracted more attention from visitors than any flower in our garden. The dry hot weather did not check it from producing fine large blooms. It is certainly wonderful."

C. R. HINKEL: "Why don't you show **Louise** at the big show? I think it ahead of any in its class. Growers will make no mistake to secure a start in this variety. When you look at my photograph, imagine a flower like it in form and color but 6 and 7 inches in diameter. Just take out the rule and measure two inches on the width and see where it would go to."



Anna Eberius—(No. 10) The most popular of all I have offered. "Dark, velvety Nell Rose;" throat deeper. Flowers very large and spike long and straight. Extra fine and unique. Great keeper.25c; \$2.00 doz.

Capt. A. C. Baker—(No. 164) Rich, velvety red with darker center. Awarded Silver medal at P. P. I. E. for best of all reds shown10c

Thos. T. Kent—(130) Rose pink with deep ruby running thro center of each petal. Immense flower and long spike. "Flowers six inches in diameter" (sometimes) spikes five or more feet high. Very substantial25c; \$2.50 doz.

Mrs. Wm. Kent—(No. 1) Light fawn to ashes of roses old rose throat. Flowers five inches diameter, heavy. Extra fine by test25c; \$2.50 doz.

American Beauty—(No. 23) Brilliant American Beauty color, with creamy yellow throat. Many flowers open at one time. "Flowers 6 to 7 inches diameter." Beautiful\$1.00

Adeline Kent—(No. 136) Delicate light rose pink etc. Heavily ruffled from edges to centre. Very fine indeed50c

Mary S. Burke—(No. 188) Canary yellow, overlaid with apricot. Deep canary center. (I shorten description.) One of the finest yellows known so far. Long spike50c

Sarah Lillie—(No. 4) Lavender and ruby,15c

Pres. Moore—(No. 31) Salmon pink, Mottled and striped25c

Fairfax—(No. 32) Solid magenta; light yellow throat. Big and fine15c

Dr. L. Cothran—(No. 39) Salmon pink, blue striped. Yellow throat25c

John M. Coulter—(82) Extra fine, rich dark shades; long spike25c

Caroline F. Burke—(No. 90) Pure white; ruby throat big flowers; tall spike25c

Costa Rica—(No. 187) Clear delicate lilac and old rose, large, tall. Excellent25c

Elizabeth Gerberding—(No. 189) Shell pink, speckled center of ruby and yellow. Heavily ruffled. First rate15c

Jonathan Webb—(No. 193) Grand sort. Light scarlet finely painted white, and maroon mottled center. Very showy. Lily-like spike with wide open flowers. Very large25c

Helen Todd—(No. 196) Light pink with deep color round edge of flower. Deep scarlet center. Big flowers; long spike. A favorite15c

Ross Valley—(No. 198) Salmon pink, striped red peacock eye15c

Mrs. John R. Walsh—(No. 202) Here we have the grandest thing. Flesh pink, flame colored center. Flowers five inches diameter, stems five feet tall. Ruffled. A seedling of Mrs. Pendleton. Worth the price\$1.50; small bulb \$1.00

Jack London—(38) Light salmon and brilliant orange; yellow throat (I condense) "Our best commercial variety—rapid propagator."50c

Mary R. Rinehart—(162) Cream yellow with canary yellow center20c

Maud Fay—(176) Cattleya pink, light stripe through middle of each petal; flowers very open and large, spikes curved; "one of our finest" heavy propagator50c

Lillian Webb—Strawberry pink; slightly striped chocolate; curious; erect stems5c

Mrs. H. E. Bothin—(191) Flesh-salmon pink, flame scarlet center; "a great improvement on Pendleton."50c

Frank J. Symmes—(204) Salmon rose pink, red center, ruffled; fine25c

David Starr Jordan—(205) Immense flame colored, with lighter speckled throat; flowers very open, like immense Amaryllis, with fine, wiry upright stems; flowers 6 to 7 in. diameter, spikes 4 to 5 ft. high.25c, \$2.50

THE KUNDERD VARIETIES.

Mr. A. E. Kunderd, well known as the originator of the Ruffled gladioli, the first of which was called "Kunderdi Glory," has produced a large number of other sorts, some of which have already become generally known and widely distributed. Several of them are in the body of this catalogue. Some others are by their merits and good advertising, so much in demand that they can not be had in any number; for a gladiolus can not be grown to great quantities in a year or two. We pay \$5.00 each for Marie Kunderd but can not offer any yet. The following I can offer for a while but do not know how long. Those marked (R) are ruffled more or less. All the "Glories" are ruffled. I abridge descriptions.

Crescent Queen—(R) very large dark red35c

Canary Queen—"A very refined sulphur yellow. Many good sized flowers open at one time."25c

E. J. Shaylor—(R) Tall, very strong plant and large blooms. Pure deep rose pink. Certificate of Merit by Royal Hort. Society of England 192050c

Joe Coleman—(1915) Very large and vigorous. Rich red25c

Estella—(1916) One of the largest gladioli. Fine deep rose pink. Mammoth and beautiful (That's so)15c

Giant White—Large white with elegant slight markings on lower petals. (Something like the old Silvertta)15c

Roanoke—(Prim) A vigorous and large yellow Prim.20c

Mona Lisa—(K). Strong plant. Many flowers opened at once. Palest soft rose pink, or blushed white A magnified, almost pure, self color. Price 50c

Orange Glory—(R) One of the finest glads grown. Grand orange with beautiful lighter throat ..35c

Pride of Lancaster—(R) Brilliant orange salmon. Rich deep fiery orange throat etc. etc. ~~\$1.00~~ **.50**...

Purple Glory—(R) Not purple but "The Giant of the Kunderdii Glory race. Deepest velvet maroon red, almost black blotches, as if burned into the petals. Ruffled. Extraordinary." I showed this at State Fair and it also took first prize at the St. Thomas Fair, Canada this year for the best single spike of any variety. Only a few large bulbs at \$1.50 each.

Rose Glory—Beautiful and large ruffled variety. Purest rose with deeper marks in throat. Extra fine. Special price40c

Scarlane—(R) Light, bright orange red. Fine spike and flower40c

White Glory—(1915) A gorgeous white of exact size of "Kunderdii Glory with iris blue throat." (I find it so.) Special price30c

White King—Not white but rich sulphur, splendidly ruffled and vigorous. Nicely marked carmine on lower petals. Good10c

Youell's Favorite—Rosy lavender pink. Conspicuous and fine15c

Myra—(P) (1918) "A new and giant flowered Prim. Hybrid. Deep salmon over yellow ground. Exquisitely showy. Grand. Kunderd's price 50c. My price while they last45c

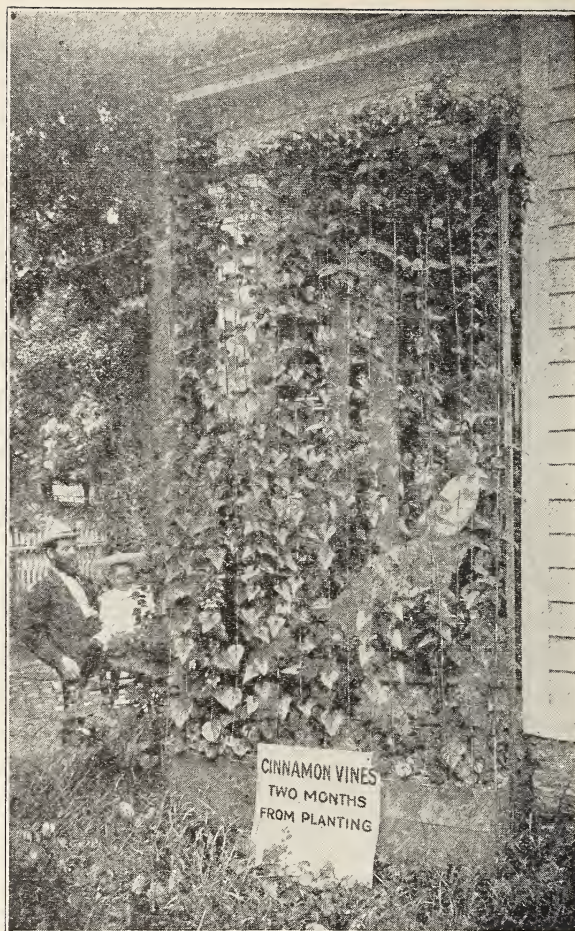
Alice Tiplady—A Primulinus of beautiful orange salmon. Much in demand25c

HYBRIDIZED POTATO SEED

No, not seed potatoes, but potato seed. Didn't know they had seed? The seeds are in potato balls, berries about as big as a Jerusalem cherry. Used to be quite common on the old kinds of potatoes, but now not a person in a thousand ever saw one. From one packet you get over 50 different kinds of potatoes. Directions with packet. Packet, 15c; 2 for 25c; 5 for 50c.

OTHER VARIETIES OF GLADIOLI.

I have small lots of many varieties of Gladioli not listed here, of which I have too few to catalog. If you see in other catalogs, varieties which you would like to have, ask for them, and I may have them, or if not, can often get them for you and sometimes at less cost than elsewhere



CHINESE CINNAMON VINE

The Cinnamon Vine (*Dioscorea*), an old favorite in some places, but almost forgotten, is a charming and very rapid growing climber, taking its name from the delicate white flowers. The growth is remarkably rapid, often running 25 to 40 feet in one season. The leaves are heart shaped, bright, glossy green, and the vine produces small tubers at the axis of the leaves. Once planted they last a lifetime.

Plant any time from earliest spring to July 15th.

FIVE SELECTED TUBERS carefully packed and sent postpaid for 25c.

GEO. S. WOODRUFF

INDEPENDENCE

IOWA